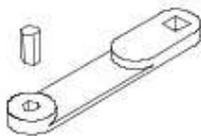


# TRANSMISSION FLUID DRAIN AND REFILL (G1313602)

## GENERAL PROCEDURES

### SPECIAL TOOL(S)



307-45

## 307-452

Wrench, Transmission Filler Plug

### WARNINGS:

- Observe due care when draining, as the fluid can be very hot.
- Observe due care when working near a hot exhaust system.

### NOTE:

Some variation in the illustrations may occur, but the essential information is always correct.

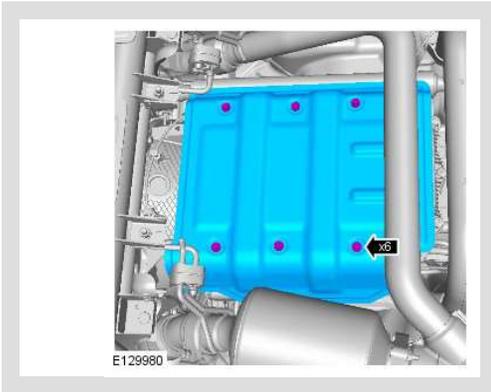
1.

### WARNING:

Make sure to support the vehicle with axle stands.

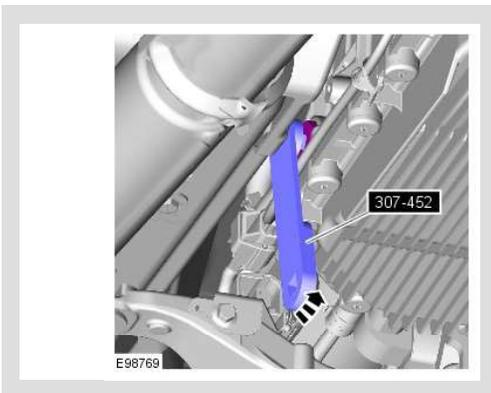
Raise and support the vehicle.

2.



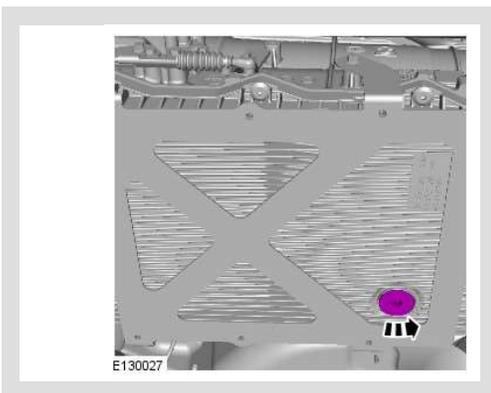
3. Place a container under the transmission.

4.



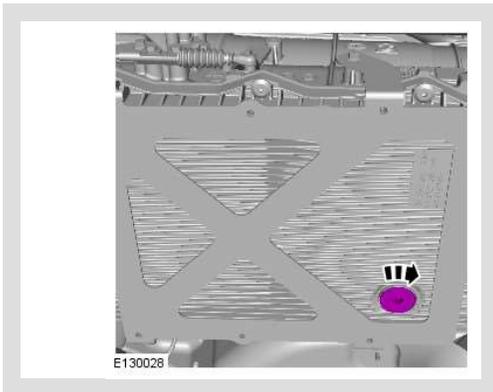
- *Special Tool(s):* [307-452](#)
- Discard the component.

5.



- Allow the fluid to drain.
- Discard the component.

6.

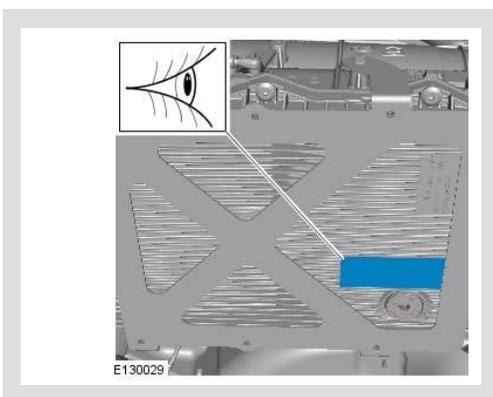


- Install a new component.
- *Torque: 8 Nm*

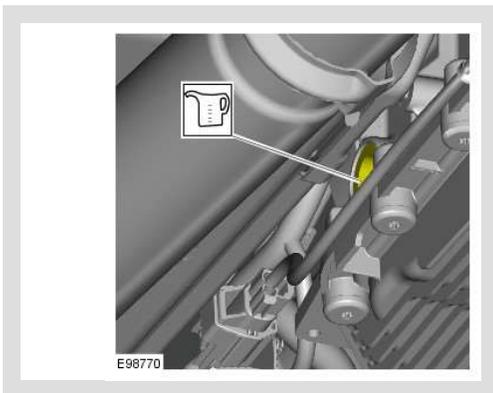
7.

**⚠ CAUTION:**

Make sure the correct specification and quantity of oil is used.

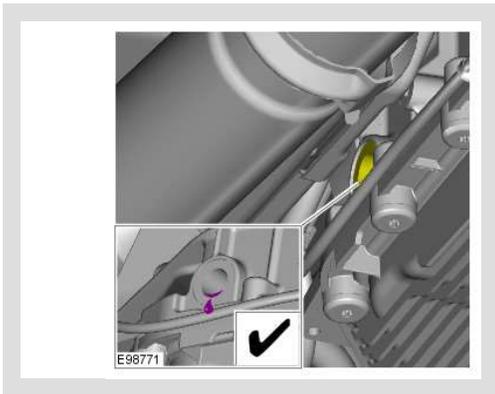


8.



- Refill the transmission with fluid.

9.

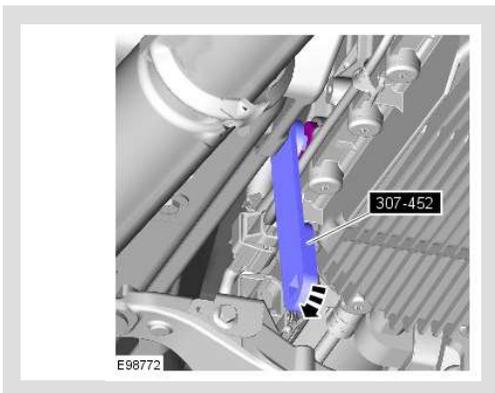


Allow the transmission fluid to drain from the transmission fluid filler plug hole until the flow almost stops.

10.

 NOTE:

Install a new fluid level filler plug.

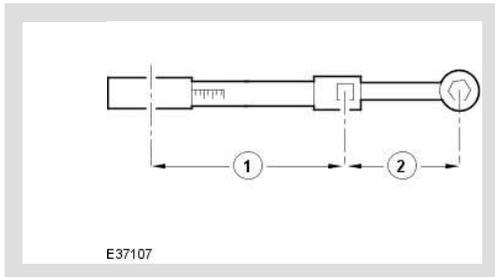


- Loosely install the transmission fluid fill plug.

11.

**⚠ CAUTION:**

Make sure the transmission fluid fill plug is tightened to the correct specification. Failure to follow this instruction may result in damage to the vehicle.



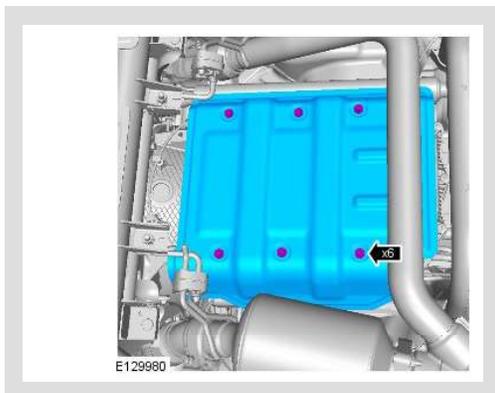
- To make sure the transmission fill plug is torqued to the correct specification. Using the special tool and torque wrench the following calculation steps must be followed.
- Step 1. Multiply 35 Nm by the effective length of the torque wrench (1).
- Step 2. Add the effective length of the special tool (2) to the effective length of the torque wrench (1).
- Step 3. Divide the total of step 1 by the total of step 2.
- Step 4. Set the torque wrench to the figure arrived at in step 3.
- Tighten the transmission fluid fill plug to the torque given by the calculation.

12.

Carry out a transmission fluid level check.

Refer to: [Transmission Fluid Level Check](#) (307-01A Automatic Transmission/Transaxle - TDV8 4.4L Diesel, General Procedures).

13.



*Torque: 10 Nm*

14.

Lower the vehicle.